

STNG Caplus Japio, Inspec, USPAT FULL

(FILE 'HOME' ENTERED AT 17:34:54 ON 22 NOV 2006)

FILE 'CAPLUS' ENTERED AT 17:35:10 ON 22 NOV 2006

L1 344 S FRING? (5A) MAGNET?
L2 1445115 S ETCH? OR PATTERN? OR REMOV?
L3 8 S L1 AND L2
L4 3 S L3 AND (MASK? OR PHOTOMASK? OR RESIST? OR PHOTORESIST?)
L5 5 S L3 NOT L4

FILE 'JAPIO' ENTERED AT 17:36:52 ON 22 NOV 2006

L6 2 S L4

FILE 'INSPEC' ENTERED AT 17:37:12 ON 22 NOV 2006

L7 0 S L4

FILE 'USPATFULL' ENTERED AT 17:37:26 ON 22 NOV 2006

L8 118 S L1(P) L2
L9 21 S L8(P) (MASK? OR PHOTOMASK? OR RESIST? OR PHOTORESIST?)
L10 18 S L9(P) (LAYER? OR FILM?)
L11 21 S L9 OR L10
L12 27 S (FRING? (5A) MAGNET?) / CLM AND (ETCH? OR PATTERN? OR REMOV?) / CLM
L13 10 S L12 AND (MASK? OR RESIST? OR PHOTORESIST? OR PHOTOMASK?) / CLM

FILE 'CAPLUS' ENTERED AT 17:39:38 ON 22 NOV 2006

L14 8557 S FERRO? AND MEMOR?
L15 9695 S MAGNET? (10A) MEMOR?
L16 2058 S FERAM OR FRAM OR MRAM OR NVRAM
L17 495 S (L14 OR L15 OR L16) AND L2 AND (MASK? OR PHOTOMASK? OR RESIST
L18 435 S L17 AND (LAYER? OR FILM?)
L19 495 S L17 OR L18
L20 14 S L19(P) (ISOTROPIC? OR TRIM? OR UNDERCUT? OR OVERHANG?)
L21 2 S L19 AND (UNDER(W) CUT? OR OVER(W) HANG?)
L22 16 S L20 OR L21

FILE 'JAPIO' ENTERED AT 17:42:33 ON 22 NOV 2006

L23 159 S L17
L24 3 S L23 AND (ISOTROPIC? OR TRIM? OR UNDERCUT? OR OVERHANG?)
L25 0 S L23 AND (UNDER(W) CUT? OR OVER(W) HANG?)
L26 3 S L24 OR L25

FILE 'INSPEC' ENTERED AT 17:44:33 ON 22 NOV 2006

L27 0 S L26

FILE 'CAPLUS' ENTERED AT 17:44:52 ON 22 NOV 2006

L28 0 S L19 AND FRING?

FILE 'JAPIO' ENTERED AT 17:45:12 ON 22 NOV 2006

L29 0 S L28

FILE 'INSPEC' ENTERED AT 17:45:21 ON 22 NOV 2006

L30 0 S L28
L31 4457 S L2(10A) (1ST OR FIRST OR 1 ST)
L32 2433 S L2(10A) (2ND OR SECOND OR 2 ND)
L33 0 S L17 AND L31 AND L32

FILE 'CAPLUS' ENTERED AT 17:47:08 ON 22 NOV 2006

L34 38 S L33
L35 36 S L34 NOT (L3 OR L22)

FILE 'JAPIO' ENTERED AT 17:48:09 ON 22 NOV 2006

STN Columbus

L36

11 S L34

FILE 'USPATFULL' ENTERED AT 17:48:55 ON 22 NOV 2006

L37 103082 S FERRO?(P)MEMOR? OR L15 OR L16
L38 811 S L37(P)L2(P)(MASK? OR PHOTOMASK? OR RESIST# OR PHOTORESIST?)
L39 24 S L38(P) (ISOTROPIC? OR TRIM? OR UNDERCUT? OR OVERHANG?)
L40 0 S L38(P) (UNDER(W)CUT? OR OVER(W)HANG?)
L41 108 S L38(P)L31(P)L32
L42 1 S L38(P)FRING?
L43 128 S L39 OR L42 OR L41
L44 25 S L43 AND (L39 OR L42)
L45 103 S L43 NOT L44
L46 55611 S (ETCH? OR PATTERN? OR REMOV?)/CLM AND (MASK? OR PHOTOMASK? OR
L47 282 S L46 AND (FERRO?(P)MAGNET?)/CLM
L48 211 S L46 AND (MAGNET?(P)MEMOR?)/CLM
L49 97 S L46 AND (FERAM OR FRAM OR MRAM OR NVRAM)/CLM
L50 487 S L47 OR L48 OR L49
L51 0 S L50 AND (UNDER(W)CUT? OR OVER(W)HANG?)/CLM
L52 37 S L50 AND (ISOTROPIC? OR TRIM? OR UNDERCUT? OR OVERHANG?)/CLM
L53 2 S L50 AND FRING?/CLM
L54 113601 S (ETCH? OR PATTERN? OR REMOV?)/CLM(10A) (1ST OR FIRST OR 1 ST)/C
L55 106643 S (ETCH? OR PATTERN? OR REMOV?)/CLM(10A) (2ND OR SECOND OR 2 ND)/
L56 183 S L50 AND L54 AND L55
L57 24 S (L52 OR L53) AND L56
L58 38 S L52 OR L53 OR L57
L59 159 S L56 NOT L58
SET HIGH OFF
L60 16 S L59 AND FRING?
L61 15 S L59 AND FRING?(P)MAGNET?
SET HIGH ON
L62 15 S L59 AND L61
L63 144 S L59 NOT L62
L64 56 S L46 AND (FERAM OR FRAM OR MRAM OR NVRAM)/TI
L65 56 S L64 AND (FERAM OR FRAM OR MRAM OR NVRAM)/TI